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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
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NEWS 7 Sep 03 JAPIO has been reloaded and enhanced
NEWS 8 Sep 16 Experimental properties added to the REGISTRY file
NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11 Oct 24 BEILSTEIN adds new search fields
NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
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NEWS 14 Nov 25 More calculated properties added to REGISTRY
NEWS 15 Dec 04 CSA files on STN
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17 Dec 17 TOXCENTER enhanced with additional content
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 20 Feb 13 CANCERLIT is no longer being updated
NEWS 21 Feb 24 METADEX enhancements
NEWS 22 Feb 24 PCTGEN now available on STN
NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27 Mar 20 EVENTLINE will be removed from STN
NEWS 28 Mar 24 PATDPAFULL now available on STN
NEWS 29 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 30 Apr 11 Display formats in DGENE enhanced
NEWS 31 Apr 14 MEDLINE Reload
NEWS 32 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 33 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 34 Apr 21 New current-awareness alert (SDI) frequency in
WPIDS/WPINDEX/WPIX
NEWS 35 Apr 28 RDISCLOSURE now available on STN
NEWS 36 May 05 Pharmacokinetic information and systematic chemical names
added to PHAR
NEWS 37 May 15 MEDLINE file segment of TOXCENTER reloaded
NEWS 38 May 15 Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS 39 May 16 CHEMREACT will be removed from STN
NEWS 40 May 19 Simultaneous left and right truncation added to WSCA
NEWS 41 May 19 RAPRA enhanced with new search field, simultaneous left and
right truncation
NEWS 42 May 29 PASCAL enhanced with additional data
NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT

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MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
 AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:40:15 ON 30 MAY 2003

=> fil .reg
 '.REG' IS NOT A VALID FILE NAME
 SESSION CONTINUES IN FILE 'HOME'
 Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> fil reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:40:41 ON 30 MAY 2003
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STRUCTURE FILE UPDATES: 28 MAY 2003 HIGHEST RN 521913-14-4
 DICTIONARY FILE UPDATES: 28 MAY 2003 HIGHEST RN 521913-14-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNnote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> e ether		
E1	37	ETHEPHON/BI
E2	1	ETHEPHYL/BI
E3	72104 -->	ETHER/BI
E4	1	ETHERAL/BI
E5	6	ETHERASE/BI

MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

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NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> e ether

E1	37	ETHEPHON/BI
E2	1	ETHEPHYL/BI
E3	72104 -->	ETHER/BI
E4	1	ETHERAL/BI
E5	6	ETHERASE/BI

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<page

```
E6      74      ETHERATE/BI
E7       1      ETHERATO/BI
E8       1      ETHERDI/BI
E9       1      ETHERDIPHOSPHITE/BI
E10      1      ETHERE/BI
E11      1      ETHEREAL/BI
E12      2      ETHEREUS/BI
```

=> s e3

L1 72104 ETHER/BI

=> e sulfate

```
E1       2      SULFATASES/BI
E2       1      SULFATATE/BI
E3      72404 --> SULFATE/BI
E4       1      SULFATE,MN,MOS2,SIC/BI
E5       1      SULFATE:GALNAC/BI
E6      377      SULFATED/BI
E7       1      SULFATEREDUCT/BI
E8       1      SULFATEREDUCTASE/BI
E9      352      SULFATES/BI
E10      1      SULFATESULFO/BI
E11      1      SULFATESULFOTRANSFER/BI
E12      1      SULFATESULFOTRANSFERASE/BI
```

=> s e3

L2 72404 SULFATE/BI

=> s l1 and l2

L3 918 L1 AND L2

=> fil .search

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

8.84

9.05

FILE 'MEDLINE' ENTERED AT 10:41:05 ON 30 MAY 2003

FILE 'CAPLUS' ENTERED AT 10:41:05 ON 30 MAY 2003

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FILE 'EMBASE' ENTERED AT 10:41:05 ON 30 MAY 2003

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=> s l3

L4 6951 L3

=> s l4 and polymer?

L5 2764 L4 AND POLYMER?

=> s l5 and (cationic(p)polymer?)

L6 855 L5 AND (CATIONIC(P) POLYMER?)

=> s l6 and ether?

L7 695 L6 AND ETHER?

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<page

E6 74 ETHERATE/BI
E7 1 ETHERATO/BI
E8 1 ETHERDI/BI
E9 1 ETHERDIPHOSPHITE/BI
E10 1 ETHERE/BI
E11 1 ETHEREAL/BI
E12 2 ETHEREUS/BI

=> s e3

L1 72104 ETHER/BI

=> e sulfate

E1 2 SULFATASES/BI
E2 1 SULFATATE/BI
E3 72404 --> SULFATE/BI
E4 1 SULFATE,MN,MOS2,SIC/BI
E5 1 SULFATE:GALNAC/BI
E6 377 SULFATED/BI
E7 1 SULFATEREDUCT/BI
E8 1 SULFATEREDUCTASE/BI
E9 352 SULFATES/BI
E10 1 SULFATESULFO/BI
E11 1 SULFATESULFOTRANSFER/BI
E12 1 SULFATESULFOTRANSFERASE/BI

=> s e3

L2 72404 SULFATE/BI

=> s l1 and l2

L3 918 L1 AND L2

=> fil .search

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

8.84

9.05

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=> s l3

L4 6951 L3

=> s l4 and polymer?

L5 2764 L4 AND POLYMER?

=> s l5 and (cationic(p)polymer?)

L6 855 L5 AND (CATIONIC(P) POLYMER?)

=> s l6 and ether?

L7 695 L6 AND ETHER?

=> s l7 and emulsif?

L8 329 L7 AND EMULSIF?

=> s l8 and dialkyl(p)ether?

L9 28 L8 AND DIALKYL(P) ETHER?

=> dup rem l9

PROCESSING COMPLETED FOR L9

L10 28 DUP REM L9 (0 DUPLICATES REMOVED)

=> d ibib ab 1-

YOU HAVE REQUESTED DATA FROM 28 ANSWERS - CONTINUE? Y/(N):y

=> s 17 and emulsif?

L8 329 L7 AND EMULSIF?

=> s 18 and dialkyl(p)ether?

L9 28 L8 AND DIALKYL(P) ETHER?

=> dup rem l9

PROCESSING COMPLETED FOR L9

L10 28 DUP REM L9 (0 DUPLICATES REMOVED)

=> d ibib ab 1-

YOU HAVE REQUESTED DATA FROM 28 ANSWERS - CONTINUE? Y/(N):y

L10 ANSWER 1 OF 28 USPATFULL
 ACCESSION NUMBER: 2003:106867 USPATFULL
 TITLE: Aqueous dispersion and coated product
 INVENTOR(S): Tamori, Kouji, Tokyo, JAPAN
 Shida, Hirotaka, Tokyo, JAPAN
 Ishizuki, Kenji, Tokyo, JAPAN
 PATENT ASSIGNEE(S): JSR CORPORATION, Tokyo, JAPAN (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003073779	A1	20030417
APPLICATION INFO.:	US 2002-135427	A1	20020501 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2001-137804	20010508

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: OBLON SPIVAK MCCLELLAND MAIER & NEUSTADT PC, FOURTH FLOOR, 1755 JEFFERSON DAVIS HIGHWAY, ARLINGTON, VA, 22202

NUMBER OF CLAIMS: 10
 EXEMPLARY CLAIM: 1
 LINE COUNT: 2285
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An aqueous dispersion which is excellent in storage stability, and can form a coating film excellent in leveling properties, anti-checking properties, water resistance, etc., transparent and high in hardness, which is obtained by mixing and emulsifying (A) at least one selected from an organosilane represented by (R.sup.1).sub.4-n--(Si)--(OR.sup.2).sub.n, hydrolyzate of the organosilane and a partial condensation product of the hydrolyzate, (B) a radical polymerizable monomer, (C) an emulsifier and (D) a hydrolytic catalyst for component (A) to reduce the particle size of an emulsion, as well as to allow hydrolysis of component (A) to proceed, and adding (E) a radical polymerization initiator to allow hydrolysis/condensation reaction of component (A) and polymerization reaction of component (B) to proceed, has a concentration of alcohols having a boiling point of 100.degree. C. or less of 0.1 to 2.0 wt %, and further contains (F) a component having ultraviolet absorption and/or light stabilization action as needed.

L10 ANSWER 3 OF 28 USPATFULL
 ACCESSION NUMBER: 2003:74158 USPATFULL
 TITLE: Microcapsules
 INVENTOR(S): Garces Garces, Josep, Barcelona, SPAIN
 Viladot Petit, Josep-Lluís, Barcelona, SPAIN
 PATENT ASSIGNEE(S): Cognis Iberia S. L., Castellbisbal, SPAIN (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6534091	B1	20030318
APPLICATION INFO.:	US 2001001927		20010111
	US 2002-18542		20020514 (10)
	WO 2000-EP5808		20000623

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1999-112670	19990702

DOCUMENT TYPE: Utility
 FILE SEGMENT: GRANTED
 PRIMARY EXAMINER: Acquah, Samuel A.
 LEGAL REPRESENTATIVE: Drach, John E.
 NUMBER OF CLAIMS: 13
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
 LINE COUNT: 1468

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A microcapsule having a mean diameter of from about 0.1 to about 5 mm,
 a membrane and a matrix containing at least one active principle wherein the microcapsule is the product of the process comprising the steps of (a) forming an aqueous matrix by heating an aqueous solution comprised of a gel former, a chitosan and active principle; (b) adding the aqueous matrix to an aqueous solution of an anionic polymer selected from the group consisting of a salt of alginic acid and an anionic chitosan derivative.

L10 ANSWER 2 OF 28 USPATFULL
 ACCESSION NUMBER: 2003:90331 USPATFULL
 TITLE: Hair-colorant preparations and methods of using the same
 INVENTOR(S): Sander, Celia, Duisburg, GERMANY, FEDERAL REPUBLIC OF
 Eggere, Anke, Duesseldorf, GERMANY, FEDERAL REPUBLIC OF
 OF Koester, Josef, Duesseldorf, GERMANY, FEDERAL REPUBLIC OF

Seipel, Werner, Hilden, GERMANY, FEDERAL REPUBLIC OF
 Hensen, Hermann, Haan, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003061668	A1	20030403
APPLICATION INFO.:	US 2002-235601	A1	20020905 (10)
RELATED APPL. INFO.:	Continuation of Ser. No. US 18276, PENDING A 371 of International Ser. No. WO 2000-EP5172, filed on 6 Jun 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1999-19927076	19990615

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: COGNIS CORPORATION, 2500 RENAISSANCE BLVD., SUITE 200, GULPH MILLS, PA, 19406

NUMBER OF CLAIMS: 9
 EXEMPLARY CLAIM: 1
 LINE COUNT: 736

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Hair-colorant compositions containing (a) from 0.2 to 25% by weight of an alkoxylated carboxylic acid ester; (b) from 0.5 to 25% by weight of a fatty acid partial glyceride; and (c) from 0.1 to 15% by weight of a hair dye; wherein all percentages by weight are based on the total composition, are disclosed. Methods of reducing cloudiness in hair-colorant compositions by combining a hair dye and a mixture of an alkoxylated carboxylic acid ester and a fatty acid partial glyceride are also disclosed.

L10 ANSWER 4 OF 28 USPATFULL
 ACCESSION NUMBER: 2002:337901 USPATFULL
 TITLE: Detergent composition
 INVENTOR(S): Matsumoto, Chikako, Wakayama, JAPAN
 Hasebe, Keiko, Wakayama, JAPAN
 Sakai, Takaya, Wakayama, JAPAN
 Kubo, Makoto, Wakayama, JAPAN
 PATENT ASSIGNEE(S): Kao Corporation, Tokyo, JAPAN (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002193266	A1	20021219
APPLICATION INFO.:	US 2002-139348	A1	20020507 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2001-155010	20010524

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: OBLON SPIVAK MCCLELLAND MAIER & NEUSTADT PC, FOURTH FLOOR, 1755 JEFFERSON DAVIS HIGHWAY, ARLINGTON, VA, 22202

NUMBER OF CLAIMS: 5
 EXEMPLARY CLAIM: 1
 LINE COUNT: 747

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed is a detergent composition characterized by low skin irritation, good foamability, easy handling at the time of manufacture, and excellent stability when stored as a product. The detergent composition is a composition which contains a specific amount of (A) a specific amide alcohol and (B) at least one surfactant selected from an anionic surfactant, a nonionic surfactant, and an amphoteric surfactant, wherein the pH (25.degree. C.) of the 20-fold diluted aqueous solution of the composition is 4.5 to 6.8.

L10 ANSWER 1 OF 28 USPATFULL
ACCESSION NUMBER: 2003:106867 USPATFULL
TITLE: Aqueous dispersion and coated product
INVENTOR(S): Tansori, Kouji, Tokyo, JAPAN
Shida, Hirotaka, Tokyo, JAPAN
Ishizuki, Kenji, Tokyo, JAPAN
PATENT ASSIGNEE(S): JSR CORPORATION, Tokyo, JAPAN (non-U.S. corporation)

	NUMBER	KIND	DATE
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APPLICATION INFO.:	US 2002-135427	A1	20020501 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2001-137804	20010508
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	OBLON SPIVAK MCCLELLAND MAIER & NEUSTADT PC, FOURTH FLOOR, 1755 JEFFERSON DAVIS HIGHWAY, ARLINGTON, VA, 22202	

NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
LINE COUNT: 2285
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An aqueous dispersion which is excellent in storage stability, and can form a coating film excellent in leveling properties, anti-checking properties, water resistance, etc., transparent and high in hardness, which is obtained by mixing and emulsifying (A) at least one selected from an organosilane represented by (R.sup.1).sub.4-n--(Si)--(OR.sup.2).sub.n, hydrolyzate of the organosilane and a partial condensation product of the hydrolyzate, (B) a radical polymerizable monomer, (C) an emulsifier and (D) a hydrolytic catalyst for component (A) to reduce the particle size of an emulsion, as well as to allow hydrolysis of component (A) to proceed, and adding (E) a radical polymerization initiator to allow hydrolysis/condensation reaction of component (A) and polymerization reaction of component (B) to proceed, has a concentration of alcohol having a boiling point of 100 degree. C. or less of 0.1 to 2.0 wt %, and further contains (F) a component having ultraviolet absorption and/or light stabilization action as needed.

L10 ANSWER 3 OF 28 USPATFULL
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Viladot Petit, Josep-Lluís, Barcelona, SPAIN
PATENT ASSIGNEE(S): Cognis Iberia S. L., Castellbisbal, SPAIN (non-U.S. corporation)

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	US 2002-18542		20020514 (10)
	WO 2000-EP5808		20000623

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1999-112670	19990702
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Acquah, Samuel A.	
LEGAL REPRESENTATIVE:	Drach, John E.	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	1468	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A microcapsule having a mean diameter of from about 0.1 to about 5 μ m, a membrane and a matrix containing at least one active principle wherein the microcapsule is the product of the process comprising the steps of (a) forming an aqueous matrix by heating an aqueous solution comprised of a gel former, a chitosan and active principle; (b) adding the aqueous matrix to an aqueous solution of an anionic polymer selected from the group consisting of a salt of alginic acid and an anionic chitosan derivative.

L10 ANSWER 2 OF 28 USPATFULL
ACCESSION NUMBER: 2003:90331 USPATFULL
TITLE: Hair-colorant preparations and methods of using the same
INVENTOR(S): Sander, Celia, Duisburg, GERMANY, FEDERAL REPUBLIC OF
Eggere, Anke, Duesseeldorf, GERMANY, FEDERAL REPUBLIC OF
OF

Koester, Josef, Duesseeldorf, GERMANY, FEDERAL REPUBLIC OF
Seipel, Werner, Hilden, GERMANY, FEDERAL REPUBLIC OF
Hensen, Hermann, Hean, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003061668	A1	20030403
APPLICATION INFO.:	US 2002-235601	A1	20020905 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 18276, PENDING A 371 of International Ser. No. WO 2000-EP5172, filed on 6 Jun 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1999-19927076	19990615
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	COGNIS CORPORATION, 2500 RENAISSANCE BLVD., SUITE 200, GULPH MILLS, PA, 19406	

NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
LINE COUNT: 736
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Hair-colorant compositions containing (a) from 0.2 to 25% by weight of an alkoxylated carboxylic acid ester; (b) from 0.5 to 25% by weight of

a fatty acid partial glyceride; and (c) from 0.1 to 15% by weight of a hair dye; wherein all percentages by weight are based on the total composition. Are disclosed. Methods of reducing cloudiness in hair-colorant compositions by combining a hair dye and a mixture of an alkoxylated carboxylic acid ester and a fatty acid partial glyceride

are also disclosed.

L10 ANSWER 4 OF 28 USPATFULL
ACCESSION NUMBER: 2002:337901 USPATFULL
TITLE: Detergent composition
INVENTOR(S): Matsumoto, Chikako, Wakayama, JAPAN
Hasebe, Keiko, Wakayama, JAPAN
Sakai, Takaya, Wakayama, JAPAN
Kubo, Makoto, Wakayama, JAPAN
PATENT ASSIGNEE(S): Kao Corporation, Tokyo, JAPAN (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002193266	A1	20021219
APPLICATION INFO.:	US 2002-139348	A1	20020507 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2001-155010	20010524
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	OBLON SPIVAK MCCLELLAND MAIER & NEUSTADT PC, FOURTH FLOOR, 1755 JEFFERSON DAVIS HIGHWAY, ARLINGTON, VA, 22202	

NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
LINE COUNT: 747

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed is a detergent composition characterized by low skin irritation, good foamability, easy handling at the time of manufacture, and excellent stability when stored as a product. The detergent composition is a composition which contains a specific amount of (A) a specific amide alcohol and (B) at least one surfactant selected from an anionic surfactant, a nonionic surfactant, and an amphoteric surfactant, wherein the pH (25 degree. C.) of the 20-fold diluted aqueous solution of the composition is 4.5 to 6.8.

L10 ANSWER 5 OF 28 USPATFULL
ACCESSION NUMBER: 2002:258454 USPATFULL
TITLE: Composition for controlling harmful bio-organisms and method for controlling harmful bio-organisms using the same
INVENTOR(S): Matsuo, Norifusa, Shiga, JAPAN
Mitani, Shigeru, Shiga, JAPAN
Araki, Satoshi, Shiga, JAPAN
Takii, Yasuko, Shiga, JAPAN
Yamaguchi, Tomona, Shiga, JAPAN
PATENT ASSIGNEE(S): ISHIHARA SANGYO KAISHA, LTD. (non-U.S. corporation)

NUMBER	KIND	DATE
US 2002142021	A1	20021003
US 2001-26700	A1	20011227 (10)

PATENT INFORMATION: Division of Ser. No. US 1999-403368, filed on 21 Oct 1999, PATENTED A 371 of International Ser. No. WO 1998-JP1889, filed on 23 Apr 1998, UNKNOWN

NUMBER	DATE
JP 1997-123382	19970425
JP 1997-190494	19970630
JP 1997-202575	19970711
JP 1997-227113	19970808
JP 1997-238973	19970819

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SUGHRUE MION, PLLC, 2100 Pennsylvania Avenue, NW, Washington, DC, 20037-3213
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
LINE COUNT: 2136
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition for controlling harmful bio-organisms comprising (a) at least one imidazole compound represented by formula (I): #STR1##

wherein R represents a lower alkyl group or a lower alkoxy group; and n represents an integer of 1 to 5, as an active ingredient, and (b) at least one inorganic phosphorus compound and/or at least one fungicide for Phycomycetes as an active ingredient or (c) a spreader as an activity-enhancing ingredient, and a method for controlling harmful bio-organisms comprising applying the composition for controlling harmful bio-organisms onto harmful bio-organisms.

L10 ANSWER 7 OF 28 USPATFULL
ACCESSION NUMBER: 2002:72952 USPATFULL
TITLE: Antimicrobial polymer latexes derived from unsaturated quaternary ammonium compounds and antimicrobial coatings, sealant, adhesives and elastomers produced from such latexes
INVENTOR(S): Siddiqui, Adnan, Vernon Hills, IL, UNITED STATES
Schultz, Alfred, Lake Villa, IL, UNITED STATES
PATENT ASSIGNEE(S): Stepan Company (U.S. corporation)

NUMBER	KIND	DATE
US 2002040092	A1	20020404
US 6492445	B2	20021210
US 2001-874613	A1	20010605 (9)

PATENT INFORMATION: Continuation of Ser. No. US 1998-124418, filed on 28 Jul 1998, GRANTED, Pat. No. US 6242526 A 371 of International Ser. No. WO 1998-US1492, filed on 28 Jan 1998, UNKNOWN

NUMBER	DATE
US 1997-36505P	19970128 (60)

PRIORITY INFORMATION: Utility
DOCUMENT TYPE: APPLICATION
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Steven J. Sarussi, McDonnell Boehnen Hulbert & Berghoff, 32nd Floor, 300 S. Wacker Drive, Chicago, IL, 60606
NUMBER OF CLAIMS: 49
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 2054
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are antibacterial CASE materials comprising a latex comprising polymer particles and a surfactant component. Also disclosed are components and methods for forming such materials.

L10 ANSWER 6 OF 28 USPATFULL
ACCESSION NUMBER: 2002:126845 USPATFULL
TITLE: Waterborne resin emulsion and waterborne coating
INVENTOR(S): Furo, Masahito, Osaka, JAPAN
Kuwarema, Shin'apasa, Ichi, Kitakatsuragi-gun, JAPAN
PATENT ASSIGNEE(S): Dainippon Ink and Chemicals, Inc., Tokyo, JAPAN (non-U.S. corporation)

NUMBER	KIND	DATE
US 2002065362	A1	20020530
US 2001-971811	A1	20011009 (9)

PATENT INFORMATION: Utility
DOCUMENT TYPE: APPLICATION
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: ARMSTRONG, WESTERMAN & HATTORI, LLP, 1725 K STREET, NW, SUITE 1000, WASHINGTON, DC, 20006
NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
LINE COUNT: 596
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An emulsion of a monomer having a radical polymerizable unsaturated bond, which is obtained by emulsifying the monomer in the presence of an emulsifier, and a mixed solution of a specific non-radical polymerizable organosilicon compound and a polymerization initiator, which is soluble in the non-radical polymerizable organosilicon compound, are added to an aqueous medium, followed by emulsion polymerization, hydrolysis, and condensation, to produce a waterborne resin emulsion and a waterborne coating which can form a coating film having superior durability such as water resistance, weathering resistance, or the like.

L10 ANSWER 8 OF 28 USPATFULL
ACCESSION NUMBER: 2002:21851 USPATFULL
TITLE: Cosmetic formulations
INVENTOR(S): Anemann, Achim, Erkrath, GERMANY, FEDERAL REPUBLIC OF
Fabry, Bernd, Korsechenbroich, GERMANY, FEDERAL REPUBLIC OF

NUMBER	KIND	DATE
US 2002012686	A1	20020131
US 2001-931670	A1	20010816 (9)

PATENT INFORMATION: Division of Ser. No. US 1999-308084, filed on 12 May 1999, PENDING

NUMBER	DATE
DE 1996-19646869	19961113
WO 1997-EP6086	19971104

PRIORITY INFORMATION: Utility
DOCUMENT TYPE: APPLICATION
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: COGNIS CORPORATION, 2500 RENAISSANCE BLVD., SUITE 200, GULPH MILLS, PA, 19406
NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
LINE COUNT: 592
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A pearlescent composition containing: (a) a dialkyl ether corresponding to formula (I):

R.sup.1--O--R.sup.2(I)

wherein R.sup.1 and R.sup.2 independently of one another represent linear or branched alkyl and/or alkenyl groups having from 12 to 22 carbon atoms; (b) a cationic polymer; and (c) an emulsifier selected from the group consisting of a fatty acid-N-alkyl polyhydroxyalkyl amide, an alkyl ether sulfate, a betaine, and mixtures thereof.

L10 ANSWER 5 OF 28 USPATFULL
ACCESSION NUMBER: 2002:258454 USPATFULL
TITLE: Composition for controlling harmful bio-organisms and method for controlling harmful bio-organisms using the same
INVENTOR(S): Matsuo, Noriatsu, Shiga, JAPAN
Mitani, Shigeru, Shiga, JAPAN
Araki, Satoshi, Shiga, JAPAN
Takii, Yasuko, Shiga, JAPAN
Yamaguchi, Tomona, Shiga, JAPAN
PATENT ASSIGNEE(S): ISHIHARA SANGYO KAISHA, LTD. (non-U.S. corporation)
NUMBER KIND DATE

PATENT INFORMATION: US 2002142021 A1 20021003
APPLICATION INFO.: US 2001-26700 A1 20011227 (10)
RELATED APPLN. INFO.: Division of Ser. No. US 1999-403368, filed on 21 Oct 1999, PATENTED A 371 of International Ser. No. WO 1998-JP1889, filed on 23 Apr 1998, UNKNOWN
NUMBER DATE

PRIORITY INFORMATION: JP 1997-123382 19970425
JP 1997-190494 19970630
JP 1997-202575 19970711
JP 1997-227113 19970808
JP 1997-238973 19970819
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SUGHRUE MION, PLLC, 2100 Pennsylvania Avenue, NW, Washington, DC, 20037-3213
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
LINE COUNT: 2136
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A composition for controlling harmful bio-organisms comprising (a) at least one imidazole compound represented by formula (I): ##STR1##
wherein R represents a lower alkyl group or a lower alkoxy group; and n represents an integer of 1 to 5, as an active ingredient, and (b) at least one inorganic phosphorus compound and/or at least one fungicide for Phycomycetes as an active ingredient or (c) a spreader as an activity-enhancing ingredient, and a method for controlling harmful bio-organisms comprising applying the composition for controlling harmful bio-organisms onto harmful bio-organisms.

L10 ANSWER 7 OF 28 USPATFULL
ACCESSION NUMBER: 2002:72952 USPATFULL
TITLE: Antimicrobial polymer latexes derived from unsaturated quaternary ammonium compounds and antimicrobial coatings, sealant, adhesives and elastomers produced from such latexes
INVENTOR(S): Siddiqui, Adnan, Vernon Hills, IL, UNITED STATES
Schultz, Alfred, Lake Villa, IL, UNITED STATES
Stepan Company (U.S. corporation)
NUMBER KIND DATE

PATENT INFORMATION: US 2002040092 A1 20020404
US 6492445 B2 20021210
APPLICATION INFO.: US 2001-874613 A1 20010605 (9)
RELATED APPLN. INFO.: Continuation of Ser. No. US 1998-124418, filed on 28 Jul 1998, GRANTED, Pat. No. US 6242526 A 371 of International Ser. No. WO 1998-US1492, filed on 28 Jan 1998, UNKNOWN
NUMBER DATE

PRIORITY INFORMATION: US 1997-36505P 19970128 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Steven J. Sarussi, McDonnell Boehnen Hulbert & Berghoff, 32nd Floor, 300 S. Wacker Drive, Chicago, IL, 60606
NUMBER OF CLAIMS: 49
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 3054
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Disclosed are antibacterial CASE materials comprising a latex comprising polymer particles and a surfactant component. Also disclosed are components and methods for forming such materials.

L10 ANSWER 6 OF 28 USPATFULL
ACCESSION NUMBER: 2002:126845 USPATFULL
TITLE: Waterborne resin emulsion and waterborne coating
INVENTOR(S): Puro, Masahito, Osaka, JAPAN
Kuwamura, Shin'apou, ichi, Kitakatsuregi-gun, JAPAN
PATENT ASSIGNEE(S): Dainippon Ink and Chemicals, Inc., Tokyo, JAPAN (non-U.S. corporation)
NUMBER KIND DATE

PATENT INFORMATION: US 2002065362 A1 20020530
APPLICATION INFO.: US 2001-971811 A1 20011009 (9)
NUMBER DATE

PRIORITY INFORMATION: JP 2000-310511 20001011
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: ARMSTRONG, WESTERMAN & HATTORI, LLP, 1725 K STREET, NW., SUITE 1000, WASHINGTON, DC, 20006
NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
LINE COUNT: 596
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB An emulsion of a monomer having a radical polymerizable unsaturated bond, which is obtained by emulsifying the monomer in the presence of an emulsifier, and a mixed solution of a specific non-radical polymerizable organosilicon compound and a polymerisation initiator, which is soluble in the non-radical polymerizable organosilicon compound, are added to an aqueous medium, followed by emulsion polymerisation, hydrolysis, and condensation, to produce a waterborne resin emulsion and a waterborne coating which can form a coating film having superior durability such as water resistance, weathering resistance, or the like.

L10 ANSWER 8 OF 28 USPATFULL
ACCESSION NUMBER: 2002:21851 USPATFULL
TITLE: Cosmetic formulations
INVENTOR(S): Ansmann, Achim, Erkrath, GERMANY, FEDERAL REPUBLIC OF
Fabry, Bernd, Korschenbroich, GERMANY, FEDERAL REPUBLIC OF
OF
NUMBER KIND DATE

PATENT INFORMATION: US 2002012686 A1 20020131
APPLICATION INFO.: US 2001-931670 A1 20010816 (9)
RELATED APPLN. INFO.: Division of Ser. No. US 1999-308084, filed on 12 May 1999, PENDING
NUMBER DATE

PRIORITY INFORMATION: DE 1996-19646869 19961113
WO 1997-EP0886 19971104
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: COGNIS CORPORATION, 2500 RENAISSANCE BLVD., SUITE 200, GULPH MILLS, PA, 19406
NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
LINE COUNT: 592
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A pearlescent composition containing: (a) a dialkyl ether corresponding to formula (I):
R.sub.1--O--R.sub.2 (I)
wherein R.sub.1 and R.sub.2 independently of one another represent linear or branched alkyl and/or alkenyl groups having from 12 to 22 carbon atoms; (b) a cationic polymer; and (c) an emulsifier selected from the group consisting of a fatty acid-N-alkyl polyhydroxyalkyl amide, an alkyl ether sulfate, a betaine, and mixtures thereof.

L10 ANSWER 9 OF 28 USPATFULL
 ACCESSION NUMBER: 2002:312312 USPATFULL
 TITLE: Detergent mixtures
 INVENTOR(S): Weuthen, Manfred, Langenfeld, GERMANY, FEDERAL
 REPUBLIC
 OF
 Pi Subirana, Rafael, Granollers, SPAIN
 Blasquez Fernandez, Jose, Terrassa, SPAIN
 Fabry, Bernd, Korachenbroich, GERMANY, FEDERAL
 REPUBLIC
 OF
 Cognis Deutschland GmbH & Co. KG, Duesseldorf,
 GERMANY,
 FEDERAL REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6494920	B1	20021217
	WO 2000045788		20000810
APPLICATION INFO.:	US 2001-890693		20011102 (9)
	WO 2000-EP531		20000125

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1999-19904513	19990204
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Delcotto, Gregory	
ASSISTANT EXAMINER:	Mruk, Brian P.	
LEGAL REPRESENTATIVE:	Drach, John E., Trzaaka, Steven J.	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	1320	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB A cleaning composition for use in cleaning textile, hair and skin, the composition containing: (a) an esterquat; and (b) aloe.

L10 ANSWER 10 OF 28 USPATFULL
 ACCESSION NUMBER: 2002:88448 USPATFULL
 TITLE: Quaternary ammonium compounds, compositions containing them, and uses thereof
 INVENTOR(S): Friedli, Floyd E., Dublin, OH, United States
 Kohle, Hans-Jurgen, Schluchtern, GERMANY, FEDERAL
 REPUBLIC OF
 PATENT ASSIGNEE(S): Goldschmidt Rewo GmbH & Co. KG, Steinau a.d. Strasse', GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6376455	B1	20020423
	WO 9935223		19990715
APPLICATION INFO.:	US 2000-600007		20001122 (9)
	WO 1999-US295		19990107
			20001122 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-71054P	19980119 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Delcotto, Gregory	
LEGAL REPRESENTATIVE:	Scully, Scott, Murphy & Presser	
NUMBER OF CLAIMS:	27	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	2317	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB The present invention relates to quaternary ammonium compounds and formulations thereof useful as cleaning compositions, antistatic compounds, fabric softeners, hair conditioners, skin conditioners, paper deinking and ink floatation, agents, and the like.

L10 ANSWER 11 OF 28 USPATFULL
 ACCESSION NUMBER: 2002:88008 USPATFULL
 TITLE: Composition for controlling harmful bio-organisms and method for controlling harmful bio-organisms using the same
 INVENTOR(S): Matsuo, Norifusa, Shiga, JAPAN
 Mitani, Shigeru, Shiga, JAPAN
 Araki, Satoshi, Shiga, JAPAN
 Takii, Yasuko, Shiga, JAPAN
 Yamaguchi, Tomona, Shiga, JAPAN
 PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Osaka, JAPAN (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6375965	B1	20020423
	WO 9848628		19981105
APPLICATION INFO.:	US 1999-403368		19991021 (9)
	WO 1998-JP1889		19980423
			19991021 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1997-123382	19970425
	JP 1997-190494	19970630
	JP 1997-202575	19970711
	JP 1997-227113	19970808
	JP 1997-238973	19970819

DOCUMENT TYPE: Utility
 FILE SEGMENT: GRANTED
 PRIMARY EXAMINER: Levy, Neil S.
 LEGAL REPRESENTATIVE: Sughrue Mion, PLLC
 NUMBER OF CLAIMS: 9
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
 LINE COUNT: 1756

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB A composition for controlling harmful bio-organisms comprising (a) at least one imideazole compound represented by formula (I): ##STR1##

wherein R represents a lower alkyl group or a lower alkoxy group; and n represents an integer of 1 to 5, as an active ingredient, and (b) at least one inorganic phosphorus compound and/or at least one fungicide for Phycomycetes as an active ingredient or (c) a spreader as an activity-enhancing ingredient, and a method for controlling harmful bio-organisms comprising applying the composition for controlling harmful bio-organisms onto harmful bio-organisms.

L10 ANSWER 12 OF 28 USPATFULL
 ACCESSION NUMBER: 2002:69613 USPATFULL
 TITLE: Cosmetic preparations
 INVENTOR(S): Ansmann, Achim, Erkrath, GERMANY, FEDERAL REPUBLIC OF
 Fabry, Bernd, Korachenbroich, GERMANY, FEDERAL
 REPUBLIC
 OF
 Henkel Kommanditgesellschaft auf Aktien, Duesseldorf,
 GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6365168	B1	20020402
	WO 9820840		19980522
APPLICATION INFO.:	US 1999-108084		19990512 (9)
	WO 1997-EP6086		19971104
			19990512 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1996-19646869	19961113
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Jones, Dameron L.	
LEGAL REPRESENTATIVE:	Drach, John E., Trzaaka, Steven J.	
NUMBER OF CLAIMS:	9	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	572	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB A pearlescent composition containing: (a) a dialkyl ether corresponding to formula (I):

R.sup.1--O--R.sup.2 (I)

wherein R.sup.1 and R.sup.2 independently of one another represent linear or branched alkyl and/or alkenyl groups having from 12 to 22 carbon atoms; (b) a cationic polymer; and (c) an emulsifier selected from the group consisting of an alkyl and/or alkenyl oligoglycoside, a fatty acid-N-alkyl polyhydroxyalkyl amide, an alkyl ether sulfate, a betaine, and mixtures thereof.

L10 ANSWER 9 OF 28 USPATFULL
ACCESSION NUMBER: 2002:332312 USPATFULL
TITLE: Detergent mixtures
INVENTOR(S): Weuthen, Manfred, Langenfeld, GERMANY, FEDERAL
REPUBLIC
OF
Pi Subirana, Rafael, Granollers, SPAIN
Blasquez Fernandez, Jose, Terrassa, SPAIN
Fabry, Bernd, Korschebroich, GERMANY, FEDERAL
REPUBLIC
OF
Cognis Deutschland GmbH & Co. KG, Duesseldorf,
GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6494920	B1	20021217
	WO 2000045788		20000810
APPLICATION INFO.:	US 2001-890693		20011102 (9)
	WO 2000-EP531		20000125

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1999-19904513	19990204

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Delcotto, Gregory
ASSISTANT EXAMINER: Mruk, Brian P.
LEGAL REPRESENTATIVE: Drach, John E., Trzaska, Steven J.
NUMBER OF CLAIMS: 16
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 1320
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A cleaning composition for use in cleaning textile, hair and skin, the composition containing: (a) an esterquat; and (b) aloe.

L10 ANSWER 10 OF 28 USPATFULL
ACCESSION NUMBER: 2002:88448 USPATFULL
TITLE: Quaternary ammonium compounds, compositions containing them, and uses thereof
INVENTOR(S): Friedli, Floyd E., Dublin, OH, United States
Kohle, Hans-Jurgen, Schluchtern, GERMANY, FEDERAL
REPUBLIC OF
Goldschmidt Rewo GmbH & Co. KG, Steinau a.d. Strasse',
GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6376455	B1	20020423
	WO 9935223		19990715
APPLICATION INFO.:	US 2000-600007		20001122 (9)
	WO 1999-US295		19990107
			20001122 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-71054P	19980119 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Delcotto, Gregory
LEGAL REPRESENTATIVE: Scully, Scott, Murphy & Presser
NUMBER OF CLAIMS: 27
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 2317
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to quaternary ammonium compounds and formulations thereof useful as cleaning compositions, antistatic compounds, fabric softeners, hair conditioners, skin conditioners, paper deinking and ink floatation, agents, and the like.

L10 ANSWER 11 OF 28 USPATFULL
ACCESSION NUMBER: 2002:88008 USPATFULL
TITLE: Composition for controlling harmful bio-organisms and method for controlling harmful bio-organisms using the same
INVENTOR(S): Matsuo, Norifusa, Shiga, JAPAN
Mitani, Shigeru, Shiga, JAPAN
Arai, Satoshi, Shiga, JAPAN
Takii, Yasuko, Shiga, JAPAN
Yanaguchi, Tomona, Shiga, JAPAN
PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Osaka, JAPAN (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6375965	B1	20020423
	WO 9848628		19981105
APPLICATION INFO.:	US 1999-403368		19991021 (9)
	WO 1998-JP1889		19980423
			19991021 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1997-123382	19970425
	JP 1997-190494	19970630
	JP 1997-202575	19970711
	JP 1997-227113	19970808
	JP 1997-238973	19970819

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Levy, Neil S.
LEGAL REPRESENTATIVE: Sughrue Mion, PLLC
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 1756
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A composition for controlling harmful bio-organisms comprising (a) at least one imidazole compound represented by formula (I): ##STR1##
wherein R represents a lower alkyl group or a lower alkoxy group; and n represents an integer of 1 to 5, as an active ingredient, and (b) at least one inorganic phosphorus compound and/or at least one fungicide for Phycomycetes as an active ingredient or (c) a spreader as an activity-enhancing ingredient, and a method for controlling harmful bio-organisms comprising applying the composition for controlling harmful bio-organisms onto harmful bio-organisms.

L10 ANSWER 12 OF 28 USPATFULL
ACCESSION NUMBER: 2002:69613 USPATFULL
TITLE: Cosmetic preparations
INVENTOR(S): Anamann, Achim, Erkrath, GERMANY, FEDERAL REPUBLIC OF
Fabry, Bernd, Korschebroich, GERMANY, FEDERAL
REPUBLIC
OF
Henkel Kommanditgesellschaft auf Aktien, Duesseldorf,
GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6365168	B1	20020402
	WO 9820840		19980522
APPLICATION INFO.:	US 1999-308084		19990512 (9)
	WO 1997-EP6086		19971104
			19990512 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1996-19646869	19961113

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Jones, Dameron L.
LEGAL REPRESENTATIVE: Drach, John E., Trzaska, Steven J.
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 572
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A pearlescent composition containing: (a) a dialkyl ether corresponding to formula (I):
R.sup.1--O--R.sup.2 (I)
wherein R.sup.1 and R.sup.2 independently of one another represent linear or branched alkyl and/or alkenyl groups having from 12 to 22 carbon atoms; (b) a cationic polymer; and (c) an emulsifier selected from the group consisting of an alkyl and/or alkenyl oligoglycoside, a fatty acid-N-alkyl polyhydroxyalkyl amide, an alkyl ether sulfate, a betaine, and mixtures thereof.

L10 ANSWER 13 OF 28 USPATFULL
ACCESSION NUMBER: 2001.48013 USPATFULL
TITLE: Antimicrobial polymer latexes derived from unsaturated quaternary ammonium compounds and antimicrobial coatings, sealants, adhesives and elastomers produced from such latexes
INVENTOR(S): Siddiqui, Adnan, Vernon Hills, IL, United States
Schultz, Alfred K., Lake Villa, IL, United States
PATENT ASSIGNEE(S): Stepan Company, Northfield, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6242526	B1	20010605
APPLICATION INFO.:	US 1998-124418		19980728 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 1998-US1492, filed on 28 Jan 1998		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-36505P	19970128 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Wu, David W.	
ASSISTANT EXAMINER:	Egwin, K C	
LEGAL REPRESENTATIVE:	McDonnell Boehnen Hulbert & Berghoff, Sarussi, Steven J.	
NUMBER OF CLAIMS:	42	
EXEMPLARY CLAIM:	1	
LINE COUNT:	3042	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Antimicrobial coating, adhesive, sealant and elastomeric materials comprising a latex containing polymer particles and a primary surfactant component where the particles are formed by the reaction of an ethylenically unsaturated monomer and a polymerisable antibacterial quaternary ammonium compound. The primary surfactant is

an anionic surfactant or nonionic surfactant, and the polymer particles comprise at least one monomer unit and at least one surface active agent unit. The monomer unit is derived from an ethylenically unsaturated monomer and the surface active agent unit is derived from a polymerisable antibacterial quaternary ammonium compound.

L10 ANSWER 14 OF 28 USPATFULL (Continued)
number of moles of A.sup.- needed to give the compound of structural formula (1) a zero net charge; and water, wherein the composition does not contain a significant amount of textile resin treating compounds.

L10 ANSWER 14 OF 28 USPATFULL
ACCESSION NUMBER: 2001.48013 USPATFULL
TITLE: Polyester polyquaternary compounds, compositions containing them, and use thereof
INVENTOR(S): Keys, Robert O., Columbus, OH, United States
Friedli, Floyd E., Dublin, OH, United States
Dalrymple, Damon M., Columbus, OH, United States
Manning, Monna, Columbus, OH, United States
Poffenberger, Craig, Columbus, OH, United States
Whittlinger, David E., Janesville, WI, United States
Hou, Wangqi, Dublin, OH, United States
PATENT ASSIGNEE(S): Goldschmidt Chemical Corporation, Hopewell, VA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6211139	B1	20010403
APPLICATION INFO.:	US 1998-170623		19981013 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-845676, filed on 25 Apr 1997, now abandoned Continuation-in-part of Ser. No. US 1996-638615, filed on 26 Apr 1996, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Hardee, John		
LEGAL REPRESENTATIVE:	Scully, Scott, Murphy & Presser		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
LINE COUNT:	3040		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition comprising: (a) a compound of the following structural formula: ##STR1##

wherein each of R* and R** is independently a linear, branched or cyclic alkylene group containing 2 to 12 carbon atoms, wherein no two nitrogen atoms are separated by fewer than 2 carbon atoms; each of A.sup.1, A.sup.2, A.sup.3, A.sup.4, and A.sup.5 is independently a straight or branched alkylene containing 2 to 4 carbon atoms; each of R.sup.1, R.sup.2, R.sup.3, R.sup.4, and R.sup.5 is independently --H or R.sup.A C(O)-- wherein R.sup.A is straight or branched alkyl or alkenyl containing 7 to 21 carbon atoms and 0 to 4 carbon-carbon double bonds; provided that at least one of R.sup.1, R.sup.2, R.sup.3, R.sup.4, or R.sup.5 is R.sup.A C(O)--; each of Q.sup.1, Q.sup.2 and Q.sup.3 is independently --H, --CH.sub.3, --C.sub.2 H.sub.5, --C.sub.3 H.sub.7, --C.sub.4 H.sub.9, benzyl, --CH.sub.2 COOH, or --CH.sub.2 COO A.sup.-; or, if R* is a --CH.sub.2 CH.sub.2 -- group, Q.sup.1 and Q.sup.2 together or Q.sup.1 and Q.sup.2 together may be a --CH.sub.2 CH.sub.2 group to form a six-membered piperazine ring; or, if R** is a --CH.sub.2 CH.sub.2 -- group, Q.sup.3 and Q.sup.3 together may be a --CH.sub.2 CH.sub.2 -- group to form a six-membered piperazine ring; m is 0 to 4; n is 0 to 2; each of v, w, x, y, and z is independently 1 to 8; i is 0 to 1, j is 0 to 1, and each k is 0 to 1, and the sum of (i+j+k) is 0 to 4; each A.sup.- is independently an anion as defined below; and n is the

L10 ANSWER 15 OF 28 USPATFULL
ACCESSION NUMBER: 2001.47534 USPATFULL
TITLE: Aqueous pearlescing concentrates
INVENTOR(S): Wilhelm, Josef, Huenfeld, Germany, Federal Republic of
Bimczok, Rudolf, Seeheim-Jugenheim, Germany, Federal Republic of
Kohl, Werner, Huenfeld, Germany, Federal Republic of
Aussmann, Achim, Erkrath, Germany, Federal Republic of
Kawa, Rolf, Monheim, Germany, Federal Republic of
PATENT ASSIGNEE(S): Henkel Kommanditgesellschaft auf Aktien, Duesseldorf, United States (non-U.S. corporation)
Wella Aktiengesellschaft Wella AG, Darmstadt, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6210659	B1	20010403
	WO 9820844		19980522
APPLICATION INFO.:	US 1999-308085		19990512 (9)
	WO 1997-EP6084		19971104
			19990512 PCT 371 date
			19990512 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1996-19646882	19961113
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Page, Thurmen K.	
ASSISTANT EXAMINER:	McQueeney, P. E.	
LEGAL REPRESENTATIVE:	Drach, John E., Trzaska, Steven J.	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
LINE COUNT:	543	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A pearlescent concentrate containing: (a) from 30 to 80% by weight of an alkyl ether sulfate; (b) from 5 to 20% by weight of a surfactant selected from the group consisting of a betaine, an alkyl and/or alkenyl oligoglycoside, and mixtures thereof; and (c) from 1 to 10% by weight of an (oligo)ethylene glycol mono- and/or difatty acid ester, all weights being based on the total weight of the composition, and wherein the concentrate is polyol-free.

L10 ANSWER 13 OF 28 USPATFULL
 ACCESSION NUMBER: 2001:82851 USPATFULL
 TITLE: Antimicrobial polymer latexes derived from unsaturated quaternary ammonium compounds and antimicrobial coatings, sealants, adhesives and elastomers produced from such latexes
 INVENTOR(S): Siddiqui, Adnan, Vernon Hills, IL, United States
 Schultz, Alfred K., Lake Villa, IL, United States
 Stepan Company, Northfield, IL, United States (U.S. corporation)
 PATENT ASSIGNEE(S):
 NUMBER KIND DATE
 PATENT INFORMATION: US 6242526 B1 20010605
 APPLICATION INFO.: US 1998-124418 19980728 (9)
 RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 1998-US1492, filed on 28 Jan 1998

NUMBER DATE
 PRIORITY INFORMATION: US 1997-36505P 19970128 (60)
 DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Wu, David W.
 ASSISTANT EXAMINER: Egwin, K C
 LEGAL REPRESENTATIVE: McDonnell Boehnen Hulbert & Berghoff, Sarussi, Steven J.
 NUMBER OF CLAIMS: 42
 EXEMPLARY CLAIM: 1
 LINE COUNT: 3042

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Antimicrobial coating, adhesive, sealant and elastomeric materials comprising a latex containing polymer particles and a primary surfactant component where the particles are formed by the reaction of an ethylenically unsaturated monomer and a polymerisable antibacterial quaternary ammonium compound. The primary surfactant is an anionic surfactant or nonionic surfactant, and the polymer particles comprise at least one monomer unit and at least one surface active agent unit. The monomer unit is derived from an ethylenically unsaturated monomer and the surface active agent unit is derived from a polymerisable antibacterial quaternary ammonium compound.

L10 ANSWER 14 OF 28 USPATFULL (Continued)
 number of moles of A.sup.- needed to give the compound of structural formula (1) a zero net charge; and water, wherein the composition does not contain a significant amount of textile resin treating compounds.

L10 ANSWER 14 OF 28 USPATFULL
 ACCESSION NUMBER: 2001:48013 USPATFULL
 TITLE: Polyester polyquaternary compounds, compositions containing them, and use thereof
 INVENTOR(S): Keys, Robert O., Columbus, OH, United States
 Friedli, Floyd E., Dublin, OH, United States
 Dalrymple, Damon M., Columbus, OH, United States
 Manning, Monna, Columbus, OH, United States
 Poffenberger, Craig, Columbus, OH, United States
 Whittlinger, David E., Janesville, WI, United States
 Hou, Wangqi, Dublin, OH, United States
 Goldschmidt Chemical Corporation, Hopewell, VA, United States (U.S. corporation)
 PATENT ASSIGNEE(S):

NUMBER KIND DATE
 PATENT INFORMATION: US 6211139 B1 20010403
 APPLICATION INFO.: US 1998-170623 19981013 (9)
 RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1997-845676, filed on 25 Apr 1997, now abandoned Continuation-in-part of Ser. No. US 1996-638615, filed on 26 Apr 1996, now abandoned
 DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Hardee, John
 LEGAL REPRESENTATIVE: Scully, Scott, Murphy & Presser
 NUMBER OF CLAIMS: 17
 EXEMPLARY CLAIM: 1
 LINE COUNT: 3040

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition comprising: (a) a compound of the following structural formula: ##STR1##
 wherein each of R* and R** is independently a linear, branched or cyclic alkylene group containing 2 to 12 carbon atoms, wherein no two nitrogen atoms are separated by fewer than 2 carbon atoms; each of A.sup.1, A.sup.2, A.sup.3, A.sup.4, and A.sup.5 is independently a straight or branched alkylene containing 2 to 4 carbon atoms; each of R.sup.1, R.sup.2, R.sup.3, R.sup.4, and R.sup.5 is independently --H or R.sup.A C(O)-- wherein R.sup.A is straight or branched alkyl or alkenyl containing 7 to 21 carbon atoms and 0 to 4 carbon-carbon double bonds; provided that at least one of R.sup.1, R.sup.2, R.sup.3, R.sup.4, or R.sup.5 is R.sup.A C(O)--; each of Q.sup.1, Q.sup.2 and Q.sup.3 is independently --H, --CH.sub.3, --C.sub.2 H.sub.5, --C.sub.3 H.sub.7, --C.sub.4 H.sub.9, benzyl, --CH.sub.2 COOH, or --CH.sub.2 COO A.sup.-; or, if R* is a --CH.sub.2 CH.sub.2 -- group, Q.sup.1 and Q.sup.3 together or Q.sup.1 and Q.sup.2 together may be a --CH.sub.2 CH.sub.2 -- group to form a six-membered piperazine ring; or, if R** is a --CH.sub.2 CH.sub.2 -- group, Q.sup.2 and Q.sup.3 together may be a --CH.sub.2 CH.sub.2 -- group to form a six-membered piperazine ring; m is 0 to 4; n is 0 to 2; each of v, w, x, y, and z is independently 1 to 8; i is 0 to 1, j is 0 to 1, and each k is 0 to 1, and the sum of (i+j+k) is 0 to 4; each A.sup.- is independently an anion as defined below; and n is the

L10 ANSWER 15 OF 28 USPATFULL
 ACCESSION NUMBER: 2001:47534 USPATFULL
 TITLE: Aqueous pearlescent concentrates
 INVENTOR(S): Wilhelm, Josef, Huenfeld, Germany, Federal Republic of
 Bimczok, Rudolf, Seeheim-Jugenheim, Germany, Federal Republic of
 Kohl, Werner, Huenfeld, Germany, Federal Republic of
 Ansmann, Achim, Erkrath, Germany, Federal Republic of
 Kawa, Rolf, Monheim, Germany, Federal Republic of
 Henkel Kommanditgesellschaft auf Aktien, Dusseldorf, United States (non-U.S. corporation)
 Wella Aktiengesellschaft Wella AG, Darmstadt, Germany, Federal Republic of (non-U.S. corporation)
 PATENT ASSIGNEE(S):
 NUMBER KIND DATE
 PATENT INFORMATION: US 6210659 B1 20010403
 APPLICATION INFO.: WO 9820844 19980522
 WO 1999-308085 19990512 (9)
 WO 1997-EP6084 19971104
 19990512 PCT 371 date
 19990512 PCT 102(e) date

NUMBER DATE
 PRIORITY INFORMATION: DE 1996-19646882 19961113
 DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Page, Thurman K.
 ASSISTANT EXAMINER: McQueeney, P. E.
 LEGAL REPRESENTATIVE: Drach, John E., Trzaska, Steven J.
 NUMBER OF CLAIMS: 16
 EXEMPLARY CLAIM: 1
 LINE COUNT: 543

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A pearlescent concentrate containing: (a) from 30 to 80% by weight of an alkyl ether sulfate; (b) from 5 to 20% by weight of a surfactant selected from the group consisting of a betaine, an alkyl and/or alkenyl oligoglycoside, and mixtures thereof; and (c) from 1 to 10% by weight of an (oligo)ethylene glycol mono- and/or difatty acid ester, all weights being based on the total weight of the composition, and wherein the concentrate is polyol-free.

L10 ANSWER 16 OF 28 USPATFULL
ACCESSION NUMBER: 2001:29496 USPATFULL
TITLE: Process for preparing carbonaceous material carrying ultrafinely dispersed metal
INVENTOR(S): Tauchitani, Masatoshi, Ichihara, Japan
Nakajima, Ryoichi, Ichihara, Japan
Suzuki, Kiyotaka, Sodegaura, Japan
Shigematsu, Hitoshi, Ichihara, Japan
Nishitani, Katsutoshi, Ichihara, Japan
PATENT ASSIGNEE(S): Maruzen Petrochemical Co., LTD, Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6194344	B1	20010227
APPLICATION INFO.:	US 1999-414288		19991007 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1997-870768, filed on 16 May 1997, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1996-161196	19960531
	JP 1996-276970	19960930
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Bell, Mark L.	
ASSISTANT EXAMINER:	Hailey, Patricia L.	
LEGAL REPRESENTATIVE:	Stoltz, Melvin I.	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Figure(s); 10 Drawing Page(s)	
LINE COUNT:	1888	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for the preparation of a high-softening-point pitch rich in mesopores having a softening point measured by temperature gradient method of 150.degree. C. or higher, a weight loss by heating up to 300.degree. C. of 5 wt. % or less and mesopores of 100 nm.sup.3 /g or greater, in terms of minute pore volume calculated by the Dollimore-Heal method, and a process for making carbonaceous materials carrying metal thereon are disclosed. The high-softening-point pitch rich in mesopores can easily provide carbonaceous material carrying metal thereon by using no oxidizing agent such as nitric acid, and, therefore, the high-softening-point pitch rich in mesopores is especially suitable for the production of carbonaceous materials carrying metal thereon or highly crystalline graphitized carbonaceous materials in a short heating time. The process for the production of a high-softening-point pitch rich in mesopores comprises forming micro-shaped carbonaceous materials having a size of 100 .mu.m or less, and contacting the micro-shaped carbonaceous materials with an extracting organic solvent so as to remove 20-90 wt. % of light components from the micro-shaped carbonaceous materials. A carbonaceous material carrying metal thereon can easily be prepared by contacting the high-softening point pitch rich in mesopores with an aqueous solution of an anionic surface active

L10 ANSWER 17 OF 28 USPATFULL
ACCESSION NUMBER: 2001:25532 USPATFULL
TITLE: Aqueous emulsion for pressure-sensitive adhesive and process for the preparation thereof
INVENTOR(S): Ishikawa, Yoshinobu, Wakayama, Japan
Kitayama, Hiroaki, Wakayama, Japan
Momura, Masaki, Wakayama, Japan
PATENT ASSIGNEE(S): Toyo Ink Manufacturing Co., Ltd., Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6190767	B1	20010220
	WO 9707174		19970227
APPLICATION INFO.:	US 1998-11504		19980209 (9)
	WO 1995-JP2492		19951206
			19980209 PCT 371 date
			19980209 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1995-206997	19950814
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Copenheaver, Blaine	
LEGAL REPRESENTATIVE:	Birch, Stewart, Kolasch & Birch, LLP	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1317	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A pressure-sensitive adhesive prepared by emulsifying dispersing a monomer mixture containing at least 50% by weight, based on the total weight of the monomer mixture, of a long-chain alkyl (meth)acrylate with the alkyl having 9 to 13 carbon atoms in an aqueous surfactant solution to bring the monomer mixture to fine particles having an average diameter of not more than 2.0 .mu.m and polymerizing the monomer mixture in the presence of a water-soluble polymerization initiator can provide a pressure-sensitive adhesive which possesses excellent moisture resistance, water resistance, weather resistance, and adhesion to a nonpolar adherend, such as a polyolefin plastic, and, at the same time, well-balanced tackiness properties.

L10 ANSWER 16 OF 28 USPATFULL (Continued)
agent, and then contacting the material treated with the surface active agent with an aqueous solution of metal salts.

L10 ANSWER 18 OF 28 USPATFULL
ACCESSION NUMBER: 2001:4692 USPATFULL
TITLE: Mild cleaning preparations
INVENTOR(S): Mueller, Reinhard, Erkelenz, Germany, Federal Republic of
Seidel, Kurt, Duesseldorf, Germany, Federal Republic of
Hollenberg, Detlef, Erkrath, Germany, Federal Republic of
Patten, Anja, Monheim, Germany, Federal Republic of
Henkel Kommanditgesellschaft Auf Aktien, Duesseldorf, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6172018	B1	20010109
	WO 9304662		19930318
APPLICATION INFO.:	US 1994-204150		19940502 (8)
	WO 1992-EP1940		19920824
			19940302 PCT 371 date
			19940302 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1991-4129124	19910902
DOCUMENT TYPE:	Patent	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Bell, Mark L.	
ASSISTANT EXAMINER:	Hailey, Patricia L.	
LEGAL REPRESENTATIVE:	Millson, Jr., Henry E., Drach, John E., Murphy, Glenn E.J.	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
LINE COUNT:	550	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Aqueous cleaning compositions having high foaming power and minimal effect on the skin which comprise (A) from about 1 to about 50% by weight of one or more anionic surfactants having 1 or 2 lipophilic groups each of which has from 1 to 22 carbon atoms and a polar group selected from the group consisting of a carboxylate, a sulfate, and a sulfonate group; (B) from about 0.5 to about 10% by weight of one or more alkyl glycosides of the formula

R(G).sub.x

wherein R is a linear, saturate C.sub.8-22 alkyl group, (G) is a glycoside or oligoglycoside moiety, and x is a number from 1 to 4; (C) from about 0.1 to about 5% by weight of an anionic polymer; (D) from about 35 to about 98.4% by weight of water; wherein the sum total of components (B) and (C) is no greater than the amount of component (A).

L10 ANSWER 16 OF 28 USPATFULL
 ACCESSION NUMBER: 2001:29496 USPATFULL
 TITLE: Process for preparing carbonaceous material carrying ultrafinely dispersed metal
 INVENTOR(S): Tauchitani, Masatoshi, Ichihara, Japan
 Nakajima, Ryoichi, Ichihara, Japan
 Suzuki, Kiyotaka, Sodegaura, Japan
 Shigematsu, Hitoshi, Ichihara, Japan
 Nishitani, Katsutoshi, Ichihara, Japan
 PATENT ASSIGNEE(S): Maruzen Petrochemical Co., LTD, Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6194344	B1	20010227
APPLICATION INFO.:	US 1999-414288		19991007 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1997-870768, filed on 16 May 1997, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1996-161196	19960531
	JP 1996-276970	19960930
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Bell, Mark L.	
ASSISTANT EXAMINER:	Hailey, Patricia L.	
LEGAL REPRESENTATIVE:	Stoltz, Melvin I.	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Figure(s); 10 Drawing Page(s)	
LINE COUNT:	1888	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for the preparation of a high-softening-point pitch rich in mesopores having a softening point measured by temperature gradient method of 150.degree. C. or higher, a weight loss by heating up to 300.degree. C. of 5 wt. % or less and mesopores of 100 nm.sup.3 /g or greater, in terms of minute pore volume calculated by the Dollimore-Heal method, and a process for making carbonaceous materials carrying metal thereon are disclosed. The high-softening-point pitch rich in mesopores can easily provide carbonaceous material carrying metal thereon by using no oxidizing agent such as nitric acid, and, therefore, the high-softening-point pitch rich in mesopores is especially suitable for the production of carbonaceous materials carrying metal thereon or highly crystalline graphitized carbonaceous materials in a short heating time. The process for the production of a high-softening-point pitch rich in mesopores comprises forming micro-shaped carbonaceous materials having a size of 100 .mu.m or less, and contacting the micro-shaped carbonaceous materials with an extracting organic solvent so as to remove 20-90 wt. % of light components from the micro-shaped carbonaceous materials. A carbonaceous material carrying metal thereon can easily be prepared by contacting the high-softening point pitch rich in mesopores with an aqueous solution of an anionic surface active

L10 ANSWER 17 OF 28 USPATFULL
 ACCESSION NUMBER: 2001:25532 USPATFULL
 TITLE: Aqueous emulsion for pressure-sensitive adhesive and process for the preparation thereof
 INVENTOR(S): Ishikawa, Yoshinobu, Wakayama, Japan
 Kiteyama, Hiroaki, Wakayama, Japan
 Nomura, Masaki, Wakayama, Japan
 PATENT ASSIGNEE(S): Toyo Ink Manufacturing Co., Ltd., Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6190767	B1	20010220
	WO 9707174		19970227
APPLICATION INFO.:	US 1998-11504		19980209 (9)
	WO 1995-JP2492		19951206
			19980209 PCT 371 date
			19980209 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1995-206997	19950814
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Copenheaver, Blaine	
LEGAL REPRESENTATIVE:	Birch, Stewart, Kolasch & Birch, LLP	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1317	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A pressure-sensitive adhesive prepared by emulsifying dispersing a monomer mixture containing at least 50% by weight, based on the total weight of the monomer mixture, of a long-chain alkyl (meth)acrylate with the alkyl having 9 to 13 carbon atoms in an aqueous surfactant solution to bring the monomer mixture to fine particles having an average diameter of not more than 2.0 .mu.m and polymerizing the monomer mixture in the presence of a water-soluble polymerization initiator can provide a pressure-sensitive adhesive which possesses excellent moisture resistance, water resistance, weather resistance, and adhesion to a nonpolar adherend, such as a polyolefin plastic, and, at the same time, well-balanced tackiness properties.

L10 ANSWER 16 OF 28 USPATFULL (Continued)
 agent, and then contacting the material treated with the surface active agent with an aqueous solution of metal salts.

L10 ANSWER 18 OF 28 USPATFULL
 ACCESSION NUMBER: 2001:4692 USPATFULL
 TITLE: Mild cleaning preparations
 INVENTOR(S): Mueller, Reinhard, Erkelenz, Germany, Federal Republic of
 Seidel, Kurt, Duesseldorf, Germany, Federal Republic of
 Hollenberg, Detlef, Erkrath, Germany, Federal Republic of
 Patten, Anja, Monheim, Germany, Federal Republic of
 Henkel Kommanditgesellschaft Auf Aktien, Duesseldorf, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6172018	B1	20010109
	WO 9304662		19930318
APPLICATION INFO.:	US 1994-204150		19940502 (8)
	WO 1992-EP1940		19920824
			19940302 PCT 371 date
			19940302 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1991-4129124	19910902
DOCUMENT TYPE:	Patent	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Bell, Mark L.	
ASSISTANT EXAMINER:	Hailey, Patricia L.	
LEGAL REPRESENTATIVE:	Millaon, Jr., Henry E., Drach, John E., Murphy, Glenn E.J.	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
LINE COUNT:	550	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Aqueous cleaning compositions having high foaming power and minimal effect on the skin which comprise (A) from about 1 to about 50% by weight of one or more anionic surfactants having 1 or 2 lipophilic groups each of which has from 1 to 22 carbon atoms and a polar group selected from the group consisting of a carboxylate, a sulfate, and a sulfonate group; (B) from about 0.5 to about 10% by weight of one or more alkyl glycosides of the formula

R(G).sub.x

wherein R is a linear, saturate C.sub.8-22 alkyl group, (G) is a glycoside or oligoglycoside moiety, and x is a number from 1 to 4; (C) from about 0.1 to about 5% by weight of an anionic polymer; (D) from about 35 to about 98.4% by weight of water; wherein the sum total of components (B) and (C) is no greater than the amount of component (A).

L10 ANSWER 19 OF 28 USPATFULL
 ACCESSION NUMBER: 2000:174083 USPATFULL
 TITLE: Stabilized hair care products
 INVENTOR(S): Patel, Amrit, Dayton, NJ, United States
 Aldrich, Tracey, Somerset, NJ, United States
 Schweid, Brat, Avenel, NJ, United States
 PATENT ASSIGNEE(S): Colgate-Palmolive Company, New York, NY, United States
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6165454		20001226
APPLICATION INFO.:	US 1997-933521		19970918 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Azpuru, Carlos A.		
LEGAL REPRESENTATIVE:	Miano, Rosemary M.		
NUMBER OF CLAIMS:	32		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1059		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A low energy method for making stabilized hair care products comprising an anionic detergent surfactant, a water-insoluble silicone and acrylic stabilizing agent is disclosed wherein the method does not require added heat.

L10 ANSWER 20 OF 28 USPATFULL
 ACCESSION NUMBER: 2000:173891 USPATFULL
 TITLE: Cement additive and cement composition using same
 INVENTOR(S): Kono, Katsuyuki, Osaka, Japan
 Yuasa, Tsutomu, Osaka, Japan
 Hirata, Tsuyoshi, Hyogo, Japan
 PATENT ASSIGNEE(S): Nippon Shokubai Co., Ltd., Osaka, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6165262		20001226
APPLICATION INFO.:	US 1999-234387		19990120 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1998-9133	19980120
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Green, Anthony	
LEGAL REPRESENTATIVE:	Fish & Richardson P.C.	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1176	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A novel cement admixture is provided which fulfills the function as a thickener basically, possesses an ability to inhibit segregation of materials, excels in workability as well, and permits a decrease in the amount of addition while keeping these functions intact. The cement admixture is characterized by comprising a cement additive formed of a polymer resulting from polymerizing a monomer mixture having methyl acrylate as a main component thereof and a cement water reducing agent.

L10 ANSWER 21 OF 28 USPATFULL
 ACCESSION NUMBER: 1998:134643 USPATFULL
 TITLE: Emulsions
 INVENTOR(S): Seidel, Kurt, Duesseldorf, Germany, Federal Republic of
 Priebe, Christian, Wuelfrath, Germany, Federal Republic of

Hollenberg, Detlef, Erkrath, Germany, Federal Republic of
 PATENT ASSIGNEE(S): Henkel Kommanditgesellschaft auf Aktien, Duesseldorf, Germany, Federal Republic of (non-U.S. corporation)

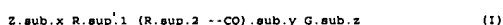
	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5830483		19981103
APPLICATION INFO.:	WO 9522313		19950824
	US 1996-702483		19960912 (8)
	WO 1995-EP533		19950214
			19960912 PCT 371 date
			19960912 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1994-4405510	19940222
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Lovering, Richard D.	
LEGAL REPRESENTATIVE:	Szoke, Ernest G., Jaeschke, Wayne C., Millson, Jr., Henry E.	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	518	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An oil-in-water emulsion comprising

- (A) from about 50 to about 99% by weight of water;
- (B) from about 1 to about 30% by weight of an oil phase; and
- (C) an emulsifying effective quantity of an emulsifier system consisting essentially of
- (i) at least one nonionic emulsifier of formula (I):



in which Z is a sugar unit selected from the group consisting of pentoses and hexoses, x is a number of 1 to 5, R.sub.1 is a saturated alkyl radical containing 1 to 3 carbon atoms, R.sub.2 is a linear or branched alkyl radical or mono- or polyunsaturated alkenyl radical containing 8 to 22 carbon atoms, y is the number 1 or 2, G is a polyglycerol residue consisting of 2 to 10 glycerol units and z is the number 1 or 2, and

- (ii) at least one ionic emulsifier selected from the group consisting of cationic and anionic emulsifiers.

L10 ANSWER 22 OF 28 USPATFULL
 ACCESSION NUMBER: 1998:48354 USPATFULL
 TITLE: Low static conditioning shampoo
 INVENTOR(S): Patel, Amrit M., Dayton, NJ, United States
 Chopra, Suman K., Dayton, NJ, United States
 PATENT ASSIGNEE(S): Colgate-Palmolive Company, New York, NY, United States
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5747436		19980505
APPLICATION INFO.:	US 1997-783159		19970114 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-9398P	19960116 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Hertzog, Ardith	
ASSISTANT EXAMINER:	Webb, Gregory	
LEGAL REPRESENTATIVE:	Ancel, Richard J., Miano, Rosemary M.	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1083	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides an effective conditioning shampoo composition which is free of conditioning amounts of silicone conditioning agents. It comprises: A) about 5% to about 40% of a detergent surfactant mixture of an anionic detergent and an amphoteric surfactant, the weight ratio of the anionic detergent to the amphoteric surfactant being in the range of about 10:1 to 0.8:1; B) about 0.05% to about 6% of a conditioning agent selected from the group consisting of 0.05% to 5% of a complex of essentially equimolar amounts of a C.sub.8 -C.sub.18 (EtO).sub.1-10 carboxylic acid, and a C.sub.8 -C.sub.18 alkyl (EtO).sub.0-10 dimethyl amine; 0.05% to 1.0% of a polyquaternary compound selected from the group consisting of a quaternized cellulosic polymer and a mixture of the quaternized cellulosic polymer with a non-cellulosic quaternary conditioning polymer; and mixtures of the foregoing; C) 0.1% to 1% of a static control mixture of a quaternary ammonium salt having the formula R.sub.9, R.sub.10, R.sub.11, R.sub.12 N.sup.+ X.sup.- wherein R.sub.9 is a C.sub.14 -C.sub.18 alkyl, R.sub.10 and R.sub.11 are each a C.sub.1 -C.sub.4 alkyl, R.sub.12 is C.sub.1 -C.sub.4 alkyl or benzyl and X.sup.- is a salt forming anion selected from the group consisting of chloride, bromide, methosulfate and ethosulfate; and a di-quaternary ammonium salt having the formula (R.sub.13).sub.2 R.sub.14 R.sub.15 N.sup.+ X.sup.- wherein R.sub.13 is a C.sub.14 -C.sub.18 alkyl or alkylene group and R.sub.14 and R.sub.15 are each a C.sub.1 -C.sub.4 alkyl group or a (CH.sub.2)2 CH.sub.2 O).sub.n H group with at least one of R.sub.14 and R.sub.15 being a (CH.sub.2)2 CH.sub.2 O).sub.n H group, n is an integer from 2 to 20 and X is a cation as set forth above, the weight ratio of the monoalkyl quaternary salt to dialkyl quaternary salt being from about 1:4 to 4:1; and D) an aqueous medium. These compositions exhibit enhanced antistatic properties as compared to the same compositions containing either the monoalkyl quaternary salt or the dialkyl quaternary salt as the sole antistatic ingredient.

L10 ANSWER 19 OF 28 USPATFULL
 ACCESSION NUMBER: 2000:174083 USPATFULL
 TITLE: Stabilized hair care products
 INVENTOR(S): Patel, Amrit, Dayton, NJ, United States
 Aldrich, Tracey, Somerset, NJ, United States
 Schweid, Bret, Avenel, NJ, United States
 PATENT ASSIGNEE(S): Colgate-Palmolive Company, New York, NY, United States
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6165454		20001226
APPLICATION INFO.:	US 1997-933521		19970918 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Azpuru, Carlos A.		
LEGAL REPRESENTATIVE:	Miano, Rosemary M.		
NUMBER OF CLAIMS:	32		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1059		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB A low energy method for making stabilized hair care products comprising an anionic detergent surfactant, a water-insoluble silicone and acrylic stabilizing agent is disclosed wherein the method does not require added heat.

L10 ANSWER 20 OF 28 USPATFULL
 ACCESSION NUMBER: 2000:173891 USPATFULL
 TITLE: Cement additive and cement composition using same
 INVENTOR(S): Kono, Katsuyuki, Osaka, Japan
 Yuasa, Tsutomu, Osaka, Japan
 Hirata, Tsuyoshi, Hyogo, Japan
 Nippon Shokubai Co., Ltd., Osaka, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6165262		20001226
APPLICATION INFO.:	US 1999-234387		19990120 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1998-9133	19980120
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Green, Anthony	
LEGAL REPRESENTATIVE:	Fish & Richardson P.C.	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1176	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB A novel cement admixture is provided which fulfills the function as a thickener basically, possesses an ability to inhibit segregation of materials, excels in workability as well, and permits a decrease in the amount of addition while keeping these functions intact. The cement admixture is characterized by comprising a cement additive formed of a polymer resulting from polymerizing a monomer mixture having methyl acrylate as a main component thereof and a cement water reducing agent.

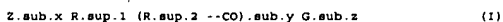
L10 ANSWER 21 OF 28 USPATFULL
 ACCESSION NUMBER: 1998:134643 USPATFULL
 TITLE: Emulsions
 INVENTOR(S): Seidel, Kurt, Duesseldorf, Germany, Federal Republic of
 Pribe, Christian, Wuelfrath, Germany, Federal Republic of
 Hollenberg, Detlef, Erkrath, Germany, Federal Republic of
 PATENT ASSIGNEE(S): Henkel Kommanditgesellschaft auf Aktien, Duesseldorf, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5830483		19981103
APPLICATION INFO.:	WO 9522313		19950824
	US 1996-702483		19960912 (8)
	WO 1995-EP533		19950214
			19960912 PCT 371 date
			19960912 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1994-4405510	19940222

DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Lovering, Richard D.
 LEGAL REPRESENTATIVE: Szoke, Ernest G., Jaeschke, Wayne C., Milleon, Jr., Henry E.
 NUMBER OF CLAIMS: 17
 EXEMPLARY CLAIM: 1
 LINE COUNT: 518
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB An oil-in-water emulsion comprising

- (A) from about 50 to about 99% by weight of water;
 (B) from about 1 to about 30% by weight of an oil phase; and
 (C) an emulsifying effective quantity of an emulsifier system consisting essentially of
 (i) at least one nonionic emulsifier of formula (I):



in which Z is a sugar unit selected from the group consisting of pentoses and hexoses, x is a number of 1 to 5, R.sub.1 is a saturated alkyl radical containing 1 to 3 carbon atoms, R.sub.2 is a linear or branched alkyl radical or mono- or polyunsaturated alkenyl radical containing 8 to 22 carbon atoms, y is the number 1 or 2, G is a polyglycerol residue consisting of 2 to 10 glycerol units and z is the number 1 or 2, and

- (ii) at least one ionic emulsifier selected from the group consisting of cationic and anionic emulsifiers.

L10 ANSWER 22 OF 28 USPATFULL
 ACCESSION NUMBER: 1998:48354 USPATFULL
 TITLE: Low static conditioning shampoo
 INVENTOR(S): Patel, Amrit M., Dayton, NJ, United States
 Chopra, Suman K., Dayton, NJ, United States
 PATENT ASSIGNEE(S): Colgate-Palmolive Company, New York, NY, United States
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5747436		19980505
APPLICATION INFO.:	US 1997-783159		19970114 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-9398P	19960116 (60)

DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Hertzog, Ardith
 ASSISTANT EXAMINER: Webb, Gregory
 LEGAL REPRESENTATIVE: Ancel, Richard J., Miano, Rosemary M.
 NUMBER OF CLAIMS: 14
 EXEMPLARY CLAIM: 1
 LINE COUNT: 1083
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides an effective conditioning shampoo composition which is free of conditioning amounts of silicone conditioning agents. It comprises: A) about 5% to about 40% of a detergent surfactant mixture of an anionic detergent and an amphoteric surfactant, the weight ratio of the anionic detergent to the amphoteric surfactant being in the range of about 10:1 to 0.8:1; B) about 0.05% to about 6% of a conditioning agent selected from the group consisting of 0.05% to 5% of a complex of essentially equimolar amounts of a C.sub.8 -C.sub.18 (EtO) sub.1-10 carboxylic acid, and a C.sub.8 -C.sub.18 alkyl (EtO) sub.0-10 dimethyl amine; 0.05% to 1.0% of a polyquaternary compound selected from the group consisting of a quaternized cellululosic polymer and a mixture of the quaternized cellululosic polymer with a non-cellulosic quaternary conditioning polymer; and mixtures of the foregoing; C) 0.1% to 1% of a static control mixture of a quaternary ammonium salt having the formula R.sub.9, R.sub.10, R.sub.11, R.sub.12 N.sup.+ X.sub.- wherein R.sub.9 is a C.sub.14 -C.sub.18 alkyl, R.sub.10 and R.sub.11 are each a C.sub.1 -C.sub.4 alkyl, R.sub.12 is a C.sub.1 -C.sub.4 alkyl or benzyl and X.sub.- is a salt forming anion selected from the group consisting of chloride, bromide, methosulfate and ethosulfate; and a di-quaternary ammonium salt having the formula (R.sub.13) sub.2 R.sub.14 R.sub.15 N.sup.+ X.sub.- wherein R.sub.13 is a C.sub.14 -C.sub.18 alkyl or alkylene group and R.sub.14 and R.sub.15 are each a C.sub.1 -C.sub.4 alkyl group or a (CH.sub.2) sub.2 CH.sub.2 O) sub.n H group with at least one of R.sub.14 and R.sub.15 being a (CH.sub.2) sub.2 CH.sub.2 O) sub.n H group, n is an integer from 2 to 20 and X is a cation as set forth above, the weight ratio of the monoalkyl quaternary salt to dialkyl quaternary salt being from about 1:4 to 4:1; and D) an aqueous medium. These compositions exhibit enhanced antistatic properties as compared to the same compositions containing either the monoalkyl quaternary salt or the dialkyl quaternary salt as the sole antistatic ingredient.

L10 ANSWER 23 OF 28 USPATFULL
ACCESSION NUMBER: 97:14553 USPATFULL
TITLE: Toner compositions and processes thereof
INVENTOR(S): Patel, Raj D., Oakville, Canada
Sacripante, Guerino G., Oakville, Canada
Kmiciek-Lawrynowicz, Grazyna E., Burlington, Canada
Hopper, Michael A., Toronto, Canada
Torres, Francisco E., Mississauga, Canada
Xerox Corporation, Stamford, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5604076		19970218
APPLICATION INFO.:	US 1996-595143		19960201 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Goodrow, John		
LEGAL REPRESENTATIVE:	Palazzo, E. O.		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1001		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for the preparation of toner compositions comprising:

(i) preparing a latex or emulsion resin comprised of a polyester core encapsulated within a styrene based resin shell by heating said polyester emulsion containing an anionic surfactant with a mixture of monomers of styrene and acrylic acid, and with potassium persulfate, ammonium persulfate, sodium bisulfite, or mixtures thereof;

(ii) adding a pigment dispersion, which dispersion is comprised of a pigment, a cationic surfactant, and optionally a charge control agent, followed by the shearing of the resulting blend;

(iii) heating the above sheared blend below about the glass transition temperature (T_g) of the resin to form electrostatically bound toner

size aggregates with a narrow particle size distribution; and

(iv) heating said electrostatically bound aggregates above about the T_g of the resin.

L10 ANSWER 24 OF 28 USPATFULL
ACCESSION NUMBER: 96:82392 USPATFULL
TITLE: Conditioning shampoo containing insoluble, nonvolatile silicone
INVENTOR(S): Chandler, John M., Bear, DE, United States
PATENT ASSIGNEE(S): ICI Americas Inc., Wilmington, DE, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5554313		19960910
APPLICATION INFO.:	US 1994-267692		19940628 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Einsmann, Margaret		
LEGAL REPRESENTATIVE:	Sheehan, John M.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	476		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to shampoo compositions and more particularly shampoo compositions containing non-volatile silicone materials and methods of making the same. Specifically, this invention is directed to aqueous shampoo compositions comprising sorbitan stearate, sorbitan distearate or mixtures thereof; stearyl alcohol ethoxylates, insoluble non-volatile silicone, and combinations of surfactants selected from anionic, nonionic and amphoteric surfactants. This invention also relates to a method of forming a aqueous shampoo composition comprising insoluble, non-volatile silicone by the method

of forming a preformed aqueous silicone emulsion and combining with a combination of surfactants.

L10 ANSWER 25 OF 28 USPATFULL
ACCESSION NUMBER: 94:24458 USPATFULL
TITLE: Ethylenically unsaturated poly(alkyleneoxy)
INVENTOR(S): Tang, Robert H., Murrysville, PA, United States
Chakrabarti, Paritosh M., Pittsburgh, PA, United States
States
PATENT ASSIGNEE(S): PPG Industries, Inc., Pittsburgh, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5296627		19940322
APPLICATION INFO.:	US 1992-985780		19921204 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1992-974035, filed on 10 Nov 1992, now abandoned which is a continuation of Ser. No. US 1991-722423, filed on 27 Jun 1991, now patented, Pat. No. US 5162475 which is a continuation-in-part of Ser. No. US 1990-625321, filed on 10 Dec 1990, now abandoned which is a continuation-in-part of Ser. No. US 1990-552355, filed on 12 Jul 1990, now abandoned which is a continuation of Ser. No. US 1989-436968, filed on 15 Nov 1989, now abandoned which is a continuation of Ser. No. US 1988-209249, filed on 20 Jun 1988, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Cintins, Marianne M.		
ASSISTANT EXAMINER:	Hydorn, Michael B.		
LEGAL REPRESENTATIVE:	Stein, Irwin M.		
NUMBER OF CLAIMS:	11		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1298		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Describes terminally ethylenically unsaturated poly(alkyleneoxy) surfactant compounds of the general formula, R-O--(R'O).sub.m --(EO).sub.n-1 --CH.sub.2 CH.sub.2 --X, wherein R is the ethylenically unsaturated hydrocarbon group, e.g., allyl, R' is the bivalent radical derived from butylene oxide, E is the bivalent ethylene radical, m and

n are numbers of from 10 to 15 and 10 to 40 respectively, and X is chloride, tertiaryamino, sulfonate, sulfate, phosphate, isethionate and alkali metal salts of the anionic groups. These surfactant compounds may

be used in emulsion polymerization of ethylenically unsaturated, e.g., vinyl, monomers.

L10 ANSWER 26 OF 28 USPATFULL
ACCESSION NUMBER: 90:48481 USPATFULL
TITLE: Process for the deinking of cellulosic materials
INVENTOR(S): Gallagher, Francis B., Stanhope, NJ, United States
Johnson, Gordon C., Wakefield, RI, United States
PATENT ASSIGNEE(S): Garden State Paper Company, Inc., Saddle Brook, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4935096		19900619
APPLICATION INFO.:	US 1988-280371		19881206 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Bascomb, Wilbur		
LEGAL REPRESENTATIVE:	Morgan & Finnegan		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
LINE COUNT:	451		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An improved method for deinking waste printed, cellulosic fibrous materials which includes the addition of ionic surfactants either alone or in combination with non-ionic surfactants. The ionic surfactants are anionic, cationic or amphoteric.

L10 ANSWER 23 OF 28 USPATFULL
ACCESSION NUMBER: 97:14553 USPATFULL
TITLE: Toner compositions and processes thereof
INVENTOR(S): Patel, Raj D., Oakville, Canada
Sacripante, Guerino G., Oakville, Canada
Kmieciak-Lawrynowicz, Grazyna E., Burlington, Canada
Hopper, Michael A., Toronto, Canada
Torres, Francisco E., Mississauga, Canada
PATENT ASSIGNEE(S): Xerox Corporation, Stamford, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5604076		19970218
APPLICATION INFO.:	US 1996-595143		19960201 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Goodrow, John		
LEGAL REPRESENTATIVE:	Palazzo, E. O.		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1001		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for the preparation of toner compositions comprising:

- (i) preparing a latex or emulsion resin comprised of a polyester core encapsulated within a styrene based resin shell by heating said polyester emulsion containing an anionic surfactant with a mixture of monomers of styrene and acrylic acid, and with potassium persulfate, ammonium persulfate, sodium bisulfite, or mixtures thereof;
- (ii) adding a pigment dispersion, which dispersion is comprised of a pigment, a cationic surfactant, and optionally a charge control agent, followed by the shearing of the resulting blend;
- (iii) heating the above sheared blend below about the glass transition temperature (T_g) of the resin to form electrostatically bound toner aggregates with a narrow particle size distribution; and
- (iv) heating said electrostatically bound aggregates above about the T_g of the resin.

L10 ANSWER 25 OF 28 USPATFULL
ACCESSION NUMBER: 94:24458 USPATFULL
TITLE: Ethylenically unsaturated poly(alkyleneoxy)
INVENTOR(S): Tang, Robert H., Murrysville, PA, United States
Chakrabarti, Paritosh M., Pittsburgh, PA, United States
States
PATENT ASSIGNEE(S): PPG Industries, Inc., Pittsburgh, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5296627		19940322
APPLICATION INFO.:	US 1992-985780		19921204 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1992-974035, filed on 10 Nov 1992, now abandoned which is a continuation of Ser. No. US 1991-722423, filed on 27 Jun 1991, now patented, Pat. No. US 5162475 which is a continuation-in-part of Ser. No. US 1990-625321, filed on 10 Dec 1990, now abandoned which is a continuation-in-part of Ser. No. US 1990-552355, filed on 12 Jul 1990, now abandoned which is a continuation of Ser. No. US 1989-436968, filed on 15 Nov 1989, now abandoned which is a continuation of Ser. No. US 1988-209249, filed on 20 Jun 1988, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Cintina, Marianne M.		
ASSISTANT EXAMINER:	Hydorn, Michael B.		
LEGAL REPRESENTATIVE:	Stein, Irwin M.		
NUMBER OF CLAIMS:	11		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1298		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Describes terminally ethylenically unsaturated poly(alkyleneoxy) surfactant compounds of the general formula, R-O--(R'O).sub.m --(EO).sub.n-1 --CH.sub.2 CH.sub.2 --X, wherein R is the ethylenically unsaturated hydrocarbon group, e.g., allyl, R' is the bivalent radical derived from butylene oxide, E is the bivalent ethylene radical, m and n are numbers of from 10 to 15 and 10 to 40 respectively, and X is chloride, tertiaryamino, sulfonate, sulfate, phosphate, isethionate and alkali metal salts of the anionic groups. These surfactant compounds may be used in emulsion polymerization of ethylenically unsaturated, e.g., vinyl, monomers.

L10 ANSWER 24 OF 28 USPATFULL
ACCESSION NUMBER: 96:82392 USPATFULL
TITLE: Conditioning shampoo containing insoluble, nonvolatile silicone
INVENTOR(S): Chandler, John M., Bear, DE, United States
PATENT ASSIGNEE(S): ICI Americas Inc., Wilmington, DE, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5554313		19960910
APPLICATION INFO.:	US 1994-267692		19940628 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Einsmann, Margaret		
LEGAL REPRESENTATIVE:	Sheehan, John M.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	476		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to shampoo compositions and more particularly shampoo compositions containing non-volatile silicone materials and methods of making the same. Specifically, this invention is directed to aqueous shampoo compositions comprising sorbitan stearate, sorbitan distearate or mixtures thereof; stearyl alcohol ethoxylates, insoluble non-volatile silicone, and combinations of surfactants selected from anionic, nonionic and amphoteric surfactants. This invention also relates to a method of forming a aqueous shampoo composition comprising insoluble, non-volatile silicone by the method of forming a preformed aqueous silicone emulsion and combining with a combination of surfactants.

L10 ANSWER 26 OF 28 USPATFULL
ACCESSION NUMBER: 90:48481 USPATFULL
TITLE: Process for the deinking of cellulosic materials
INVENTOR(S): Gallagher, Francis B., Stanhope, NJ, United States
Johnson, Gordon C., Wakefield, RI, United States
PATENT ASSIGNEE(S): Garden State Paper Company, Inc., Saddle Brook, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4935096		19900619
APPLICATION INFO.:	US 1988-280371		19881206 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Bascomb, Wilbur		
LEGAL REPRESENTATIVE:	Morgan & Finnegan		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
LINE COUNT:	451		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An improved method for deinking waste printed, cellulosic fibrous materials which includes the addition of ionic surfactants either alone or in combination with non-ionic surfactants. The ionic surfactants are anionic, cationic or amphoteric.

L10 ANSWER 27 OF 28 USPATFULL
ACCESSION NUMBER: 90:34202 USPATFULL
TITLE: Process for making quaternary chitosan derivatives for cosmetic agents
INVENTOR(S): Lang, Gunther, Reinheim, Germany, Federal Republic of
Wendel, Harald, Ober-Ramstadt, Germany, Federal Republic of
PATENT ASSIGNEE(S): Konrad, Eugen, Darmstadt, Germany, Federal Republic of
Wella Aktiengesellschaft, Darmstadt, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4921949		19900501
APPLICATION INFO.:	US 1989-298514		19890308 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1984-634100, filed on 20 Jul 1984, now patented, Pat. No. US 4822598		

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1982-3245784	19821210
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Griffin, Ronald W.	
ASSISTANT EXAMINER:	White, Everett	
LEGAL REPRESENTATIVE:	Striker, Michael J.	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
LINE COUNT:	780	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The quaternary chitosan derivatives useful in cosmetic compositions are made by a process comprising reacting a chitosan consisting of 50 to 100% deacetylated chitin or a structurally modified chitosan made by reprecipitating and deep freezing, with glycidyl trialkyl ammonium halogenide, particularly glycidyl trimethyl ammonium chloride, and, if necessary, with glycidol. The reaction mixture is advantageously stirred for several hours at 10.degree. to 100.degree. C. The reaction may be performed in the presence of an organic or inorganic acid or base in water.

L10 ANSWER 28 OF 28 USPATFULL
ACCESSION NUMBER: 89:29913 USPATFULL
TITLE: Cosmetic agent on the basis of quaternary chitosan derivatives, novel quaternary chitosan derivatives as well as processes for making same
INVENTOR(S): Lang, Gunther, Reinheim, Germany, Federal Republic of
Wendel, Harald, Ober-Ramstadt, Germany, Federal Republic of
PATENT ASSIGNEE(S): Konrad, Eugen, Darmstadt, Germany, Federal Republic of
Wella Aktiengesellschaft, Darmstadt, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4822598		19890418
APPLICATION INFO.:	WO 8402343		19840621
	US 1984-634100		19840720 (6)
	WO 1983-EP287		19831103
			19840720 PCT 371 date
			19840720 PCT 102(e) date

DISCLAIMER DATE: 20051114

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1982-3245784	19821210
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Ore, Dale R.	
LEGAL REPRESENTATIVE:	Striker, Michael J.	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
LINE COUNT:	817	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to cosmetic agents for treating of hairs or the skin which is characterized by a content of novel quaternary chitosan derivatives of the formula

HO[C.sub.6 H.sub.11-m NO.sub.4 (R.sub.1).sub.m (R.sub.2).sub.n (R.sub.3).sub.q].sub.p H

(m=0-5; n=0-6; q=0.005-3.0; p=10-50,000; R.sub.1 =acetyl; R.sub.2 =-CH.sub.2 CH(OH)-CH.sub.2 --O-, --CH.sub.2 --CH(CH.sub.2 OH)--O-

or

--CH(CH.sub.2 OH)-CH.sub.2 --O-; R.sub.3 = #STR1## with R.sub.4 =C.sub.1 - to C.sub.4 -alkyl and X=Cl, Br, or CH.sub.3 SO.sub.4.

It relates in furtherance to the novel quaternary chitosan derivatives as well as processes for making the same. These chitosan derivatives have a good substantivity, among others, to hair keratin and show hair strengthening and hair conditioning characteristics.

L10 ANSWER 27 OF 28 USPATFULL
ACCESSION NUMBER: 90:34202 USPATFULL
TITLE: Process for making quaternary chitosan derivatives for cosmetic agents
INVENTOR(S): Lang, Gunther, Reinheim, Germany, Federal Republic of
Wendel, Harald, Ober-Ramstadt, Germany, Federal Republic of
PATENT ASSIGNEE(S): Konrad, Eugen, Darmstadt, Germany, Federal Republic of
Wella Aktiengesellschaft, Darmstadt, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4921949		19900501
APPLICATION INFO.:	US 1989-298514		19890308 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1984-634100, filed on 20 Jul 1984, now patented, Pat. No. US 4822598		

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1982-3245784	19821210
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Griffin, Ronald W.	
ASSISTANT EXAMINER:	White, Everett	
LEGAL REPRESENTATIVE:	Striker, Michael J.	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
LINE COUNT:	780	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The quaternary chitosan derivatives useful in cosmetic compositions are made by a process comprising reacting a chitosan consisting of 50 to 100% deacetylated chitin or a structurally modified chitosan made by reprecipitating and deep freezing, with glycidyl trialkyl ammonium halogenide, particularly glycidyl trimethyl ammonium chloride, and, if necessary, with glycidol. The reaction mixture is advantageously stirred for several hours at 10.degree. to 100.degree. C. The reaction may be performed in the presence of an organic or inorganic acid or base in water.

L10 ANSWER 28 OF 28 USPATFULL
ACCESSION NUMBER: 89:29913 USPATFULL
TITLE: Cosmetic agent on the basis of quaternary chitosan derivatives, novel quaternary chitosan derivatives as well as processes for making same
INVENTOR(S): Lang, Gunther, Reinheim, Germany, Federal Republic of
Wendel, Harald, Ober-Ramstadt, Germany, Federal Republic of
PATENT ASSIGNEE(S): Konrad, Eugen, Darmstadt, Germany, Federal Republic of
Wella Aktiengesellschaft, Darmstadt, Germany, Federal Republic of (non-U.S. corporation)

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APPLICATION INFO.:	WO 8402343		19840621
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NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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HO[C.sub.6 H.sub.11-m NO.sub.4 (R.sup.1).sub.m (R.sup.2).sub.n (R.sup.3).sub.q].sub.p H

(m=0-0.5; n=0-6; q=0.005-3.0; p=10-50,000; R.sup.1 =acetyl; R.sup.2 =-CH.sub.2 CH(OH)-CH.sub.2 --O-, -CH.sub.2 --CH(CH.sub.2 OH)--O-

or

-CH(CH.sub.2 OH)-CH.sub.2 --O-; R.sup.3 = ##STR1## with R.sup.4 =C.sub.1 - to C.sub.4 -alkyl and X=Cl, Br, or CH.sub.3 SO.sub.4.

It relates in furtherance to the novel quaternary chitosan derivatives as well as processes for making the same. These chitosan derivatives have a good substantivity, among others, to hair keratin and show hair strengthening and hair conditioning characteristics.

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

138.84

147.89

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